

FIG. 1A

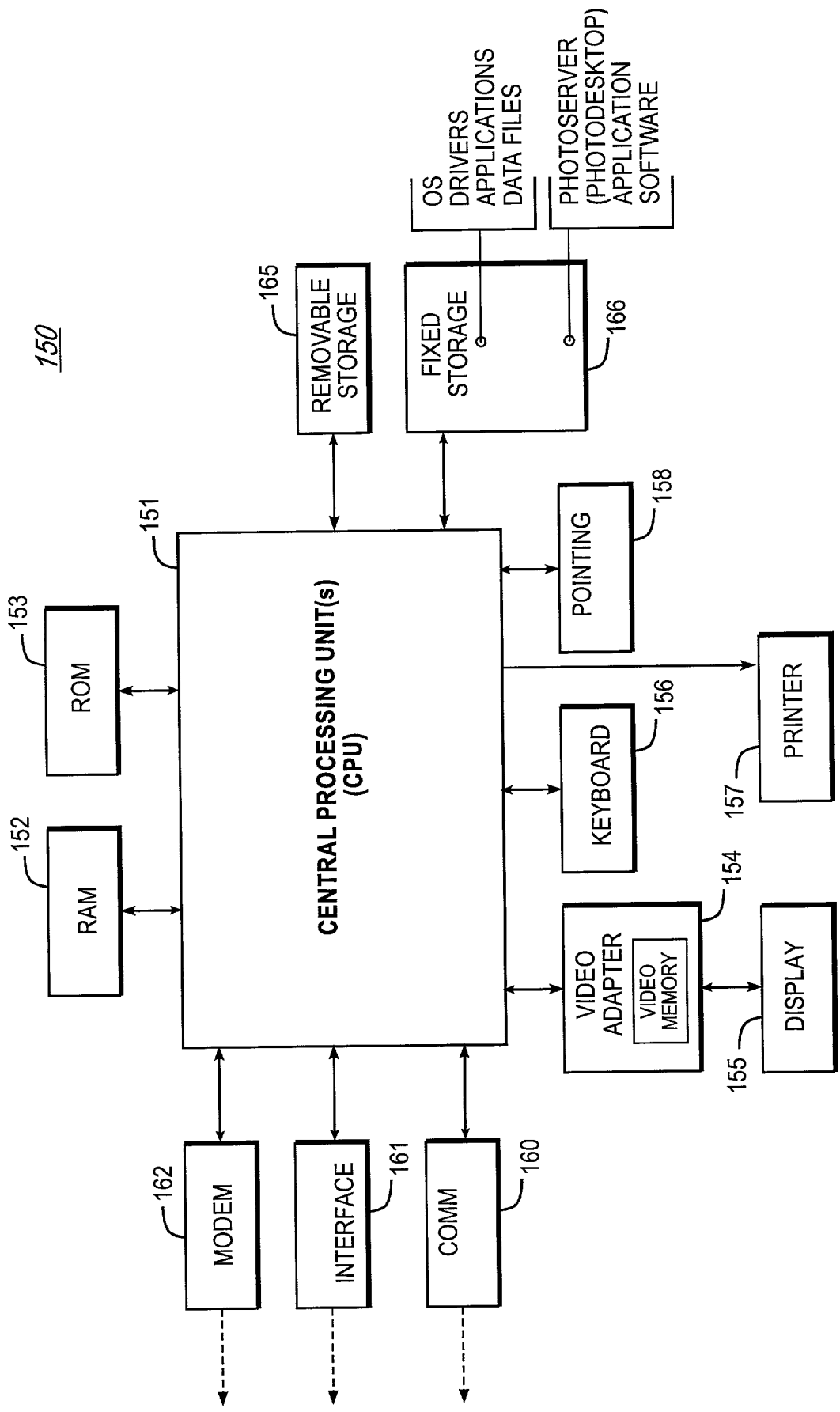
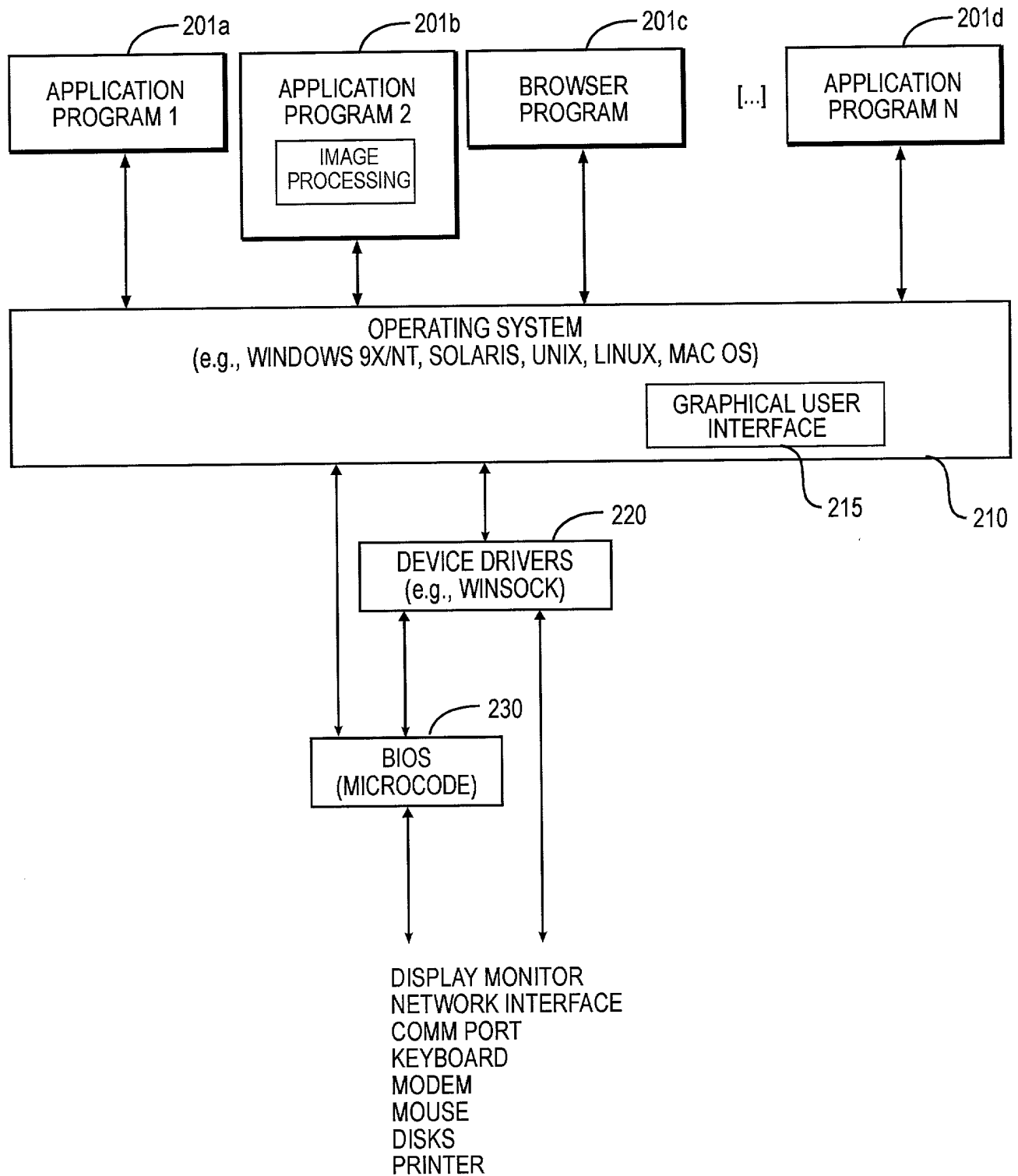


FIG. 1B

200



*FIG. 2*

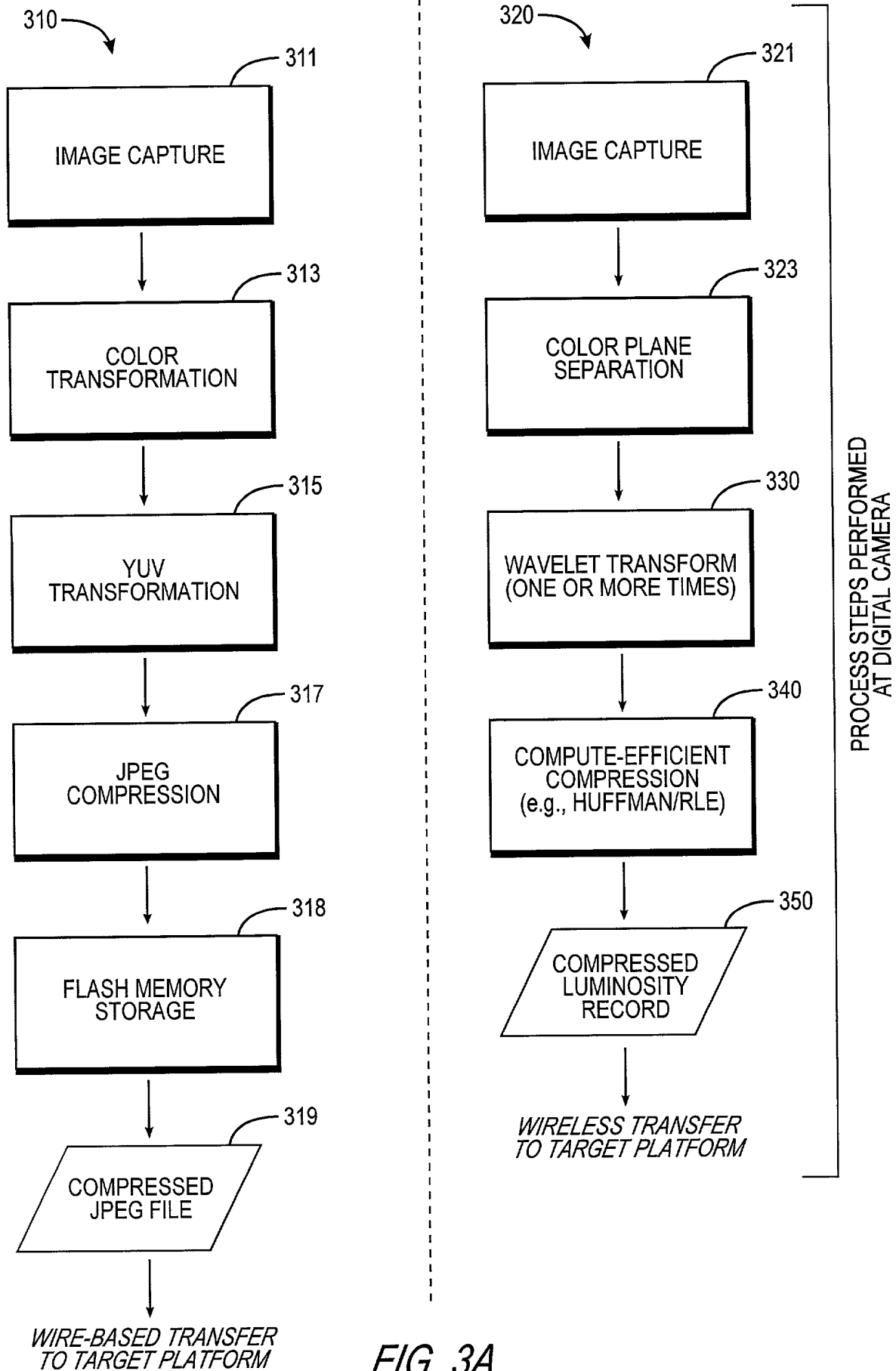


FIG. 3A

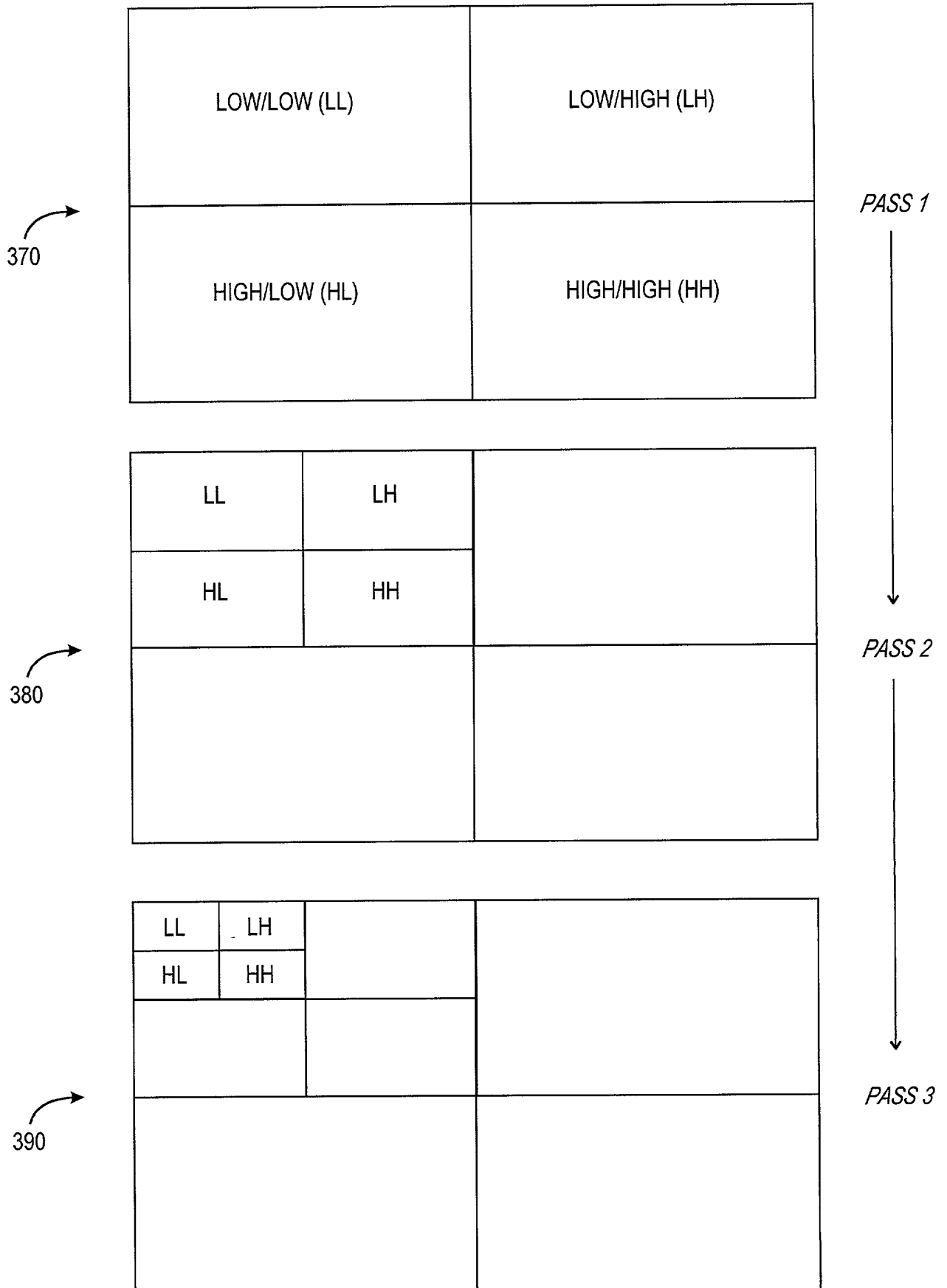


FIG. 3B



*FIG. 3C*

JPEG  
COMPRESSION  
(48:1)

jc903 U.S. PRO  
09/779769  
02/07/01



FIG. 3D



WAVELET  
TRANSFORM  
COMPRESSION  
(48:1)

FIG. 3E



JPEG  
COMPRESSION  
(32:1)

FIG. 3F



WAVELET  
TRANSFORM  
COMPRESSION  
(32:1)

FIG. 3G





JPEG  
COMPRESSION  
(16:1)

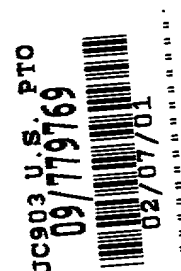


FIG. 3H



WAVELET  
TRANSFORM  
COMPRESSION  
(16:1)

FIG. 3I

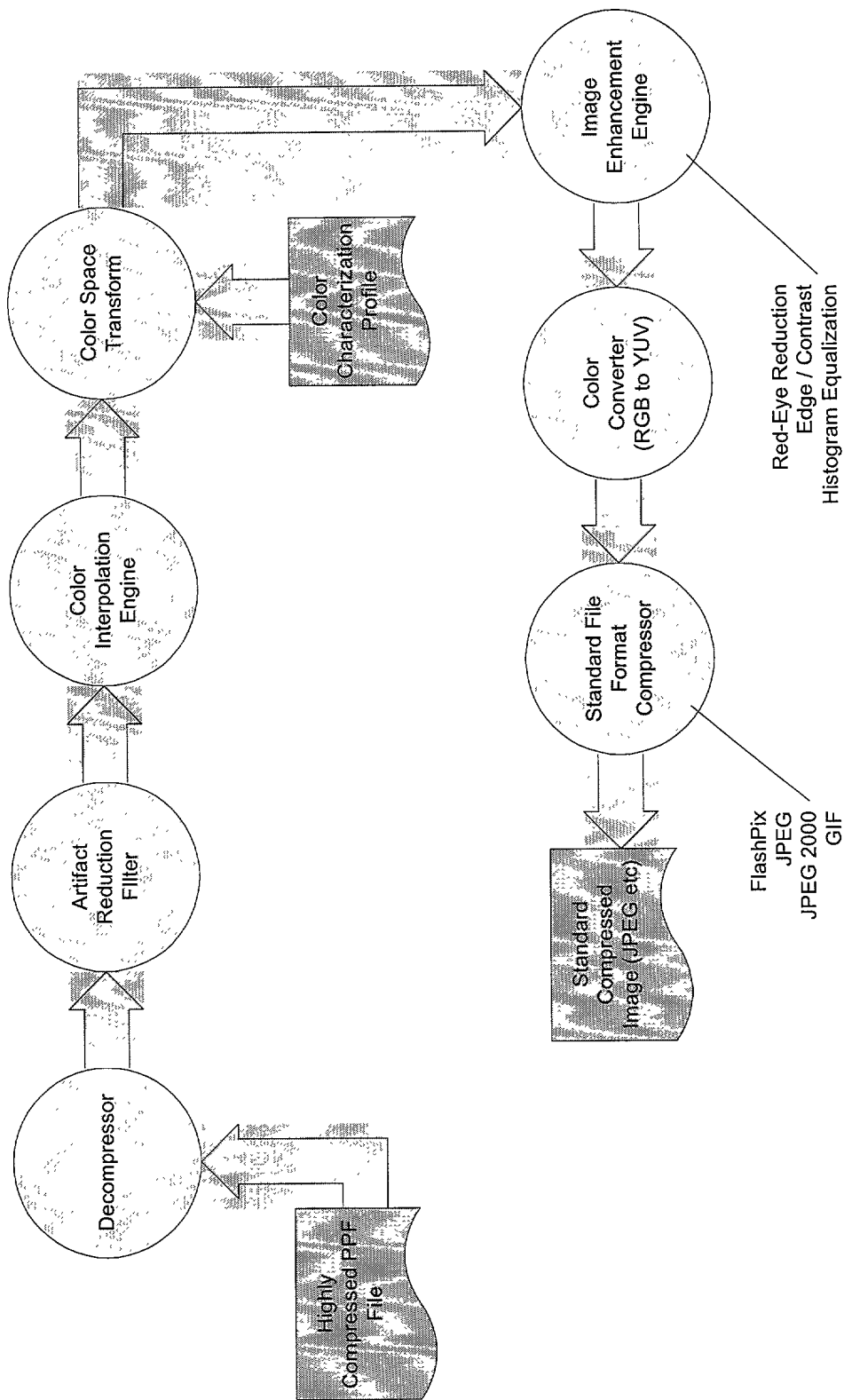
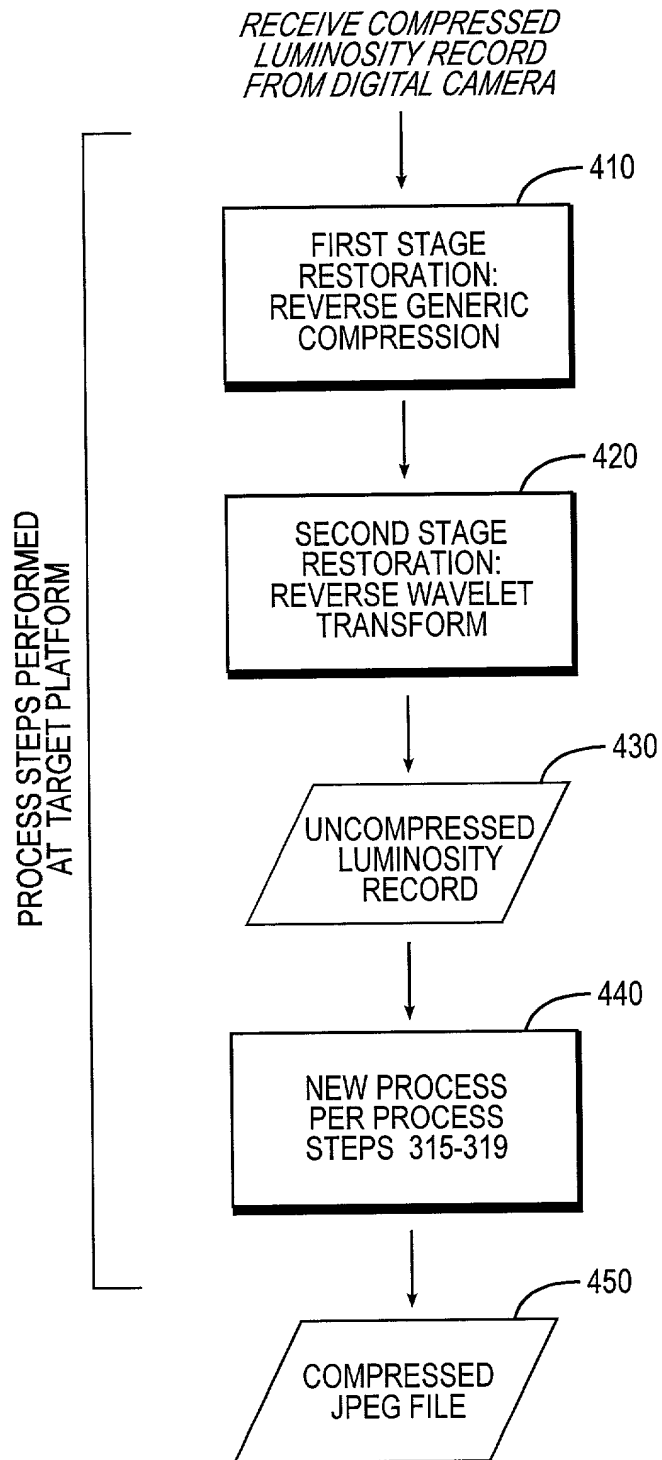


FIG. 4A



*FIG. 4B*

REPEATED BAYER COLOR MOSAIC

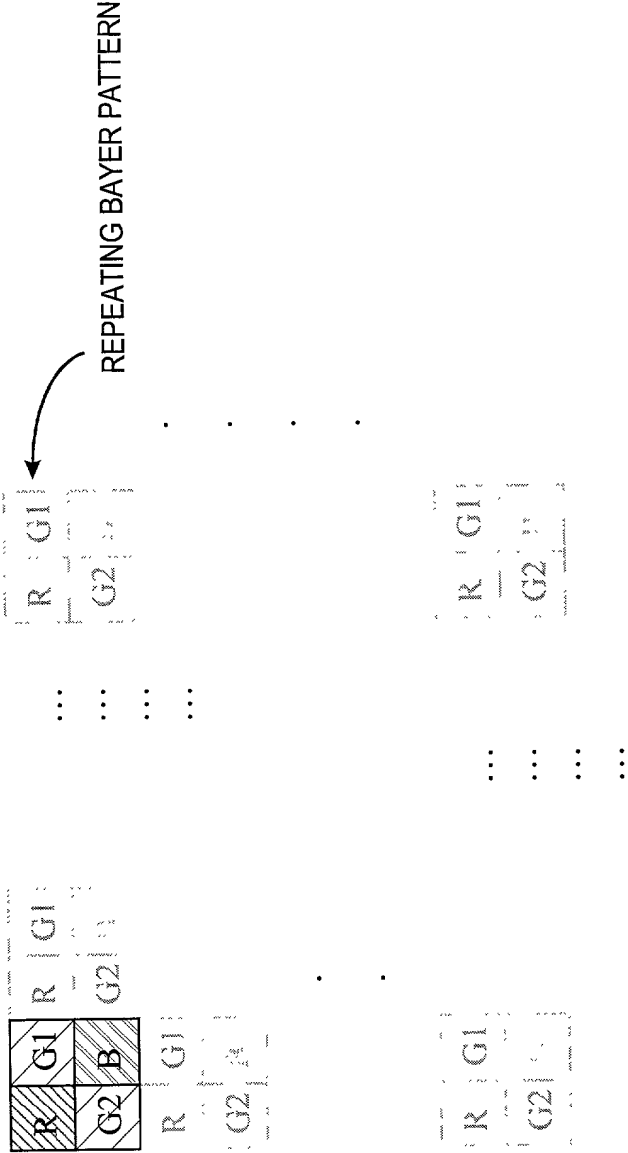


FIG. 5

# UV Color Space for Y=1.0 (maximum)

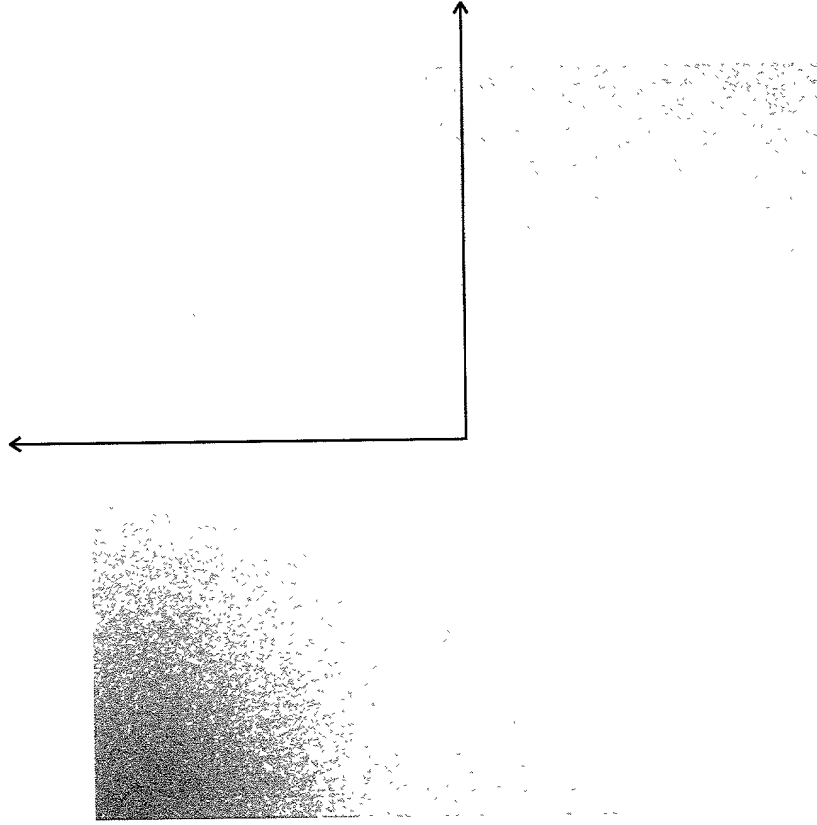


FIG. 6A

ONE CELL OF THE BAYER PATTERN (HATCHED)  
 AND SOME SURROUNDING PIXELS

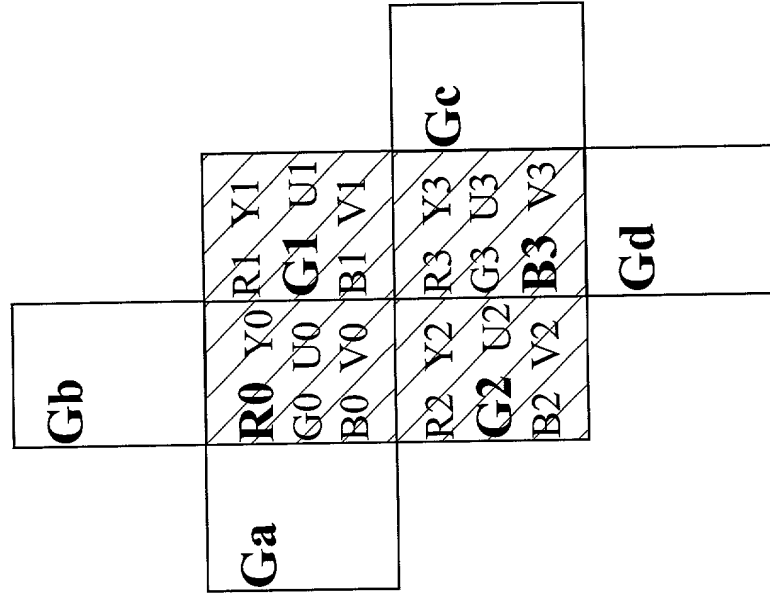


FIG. 6B

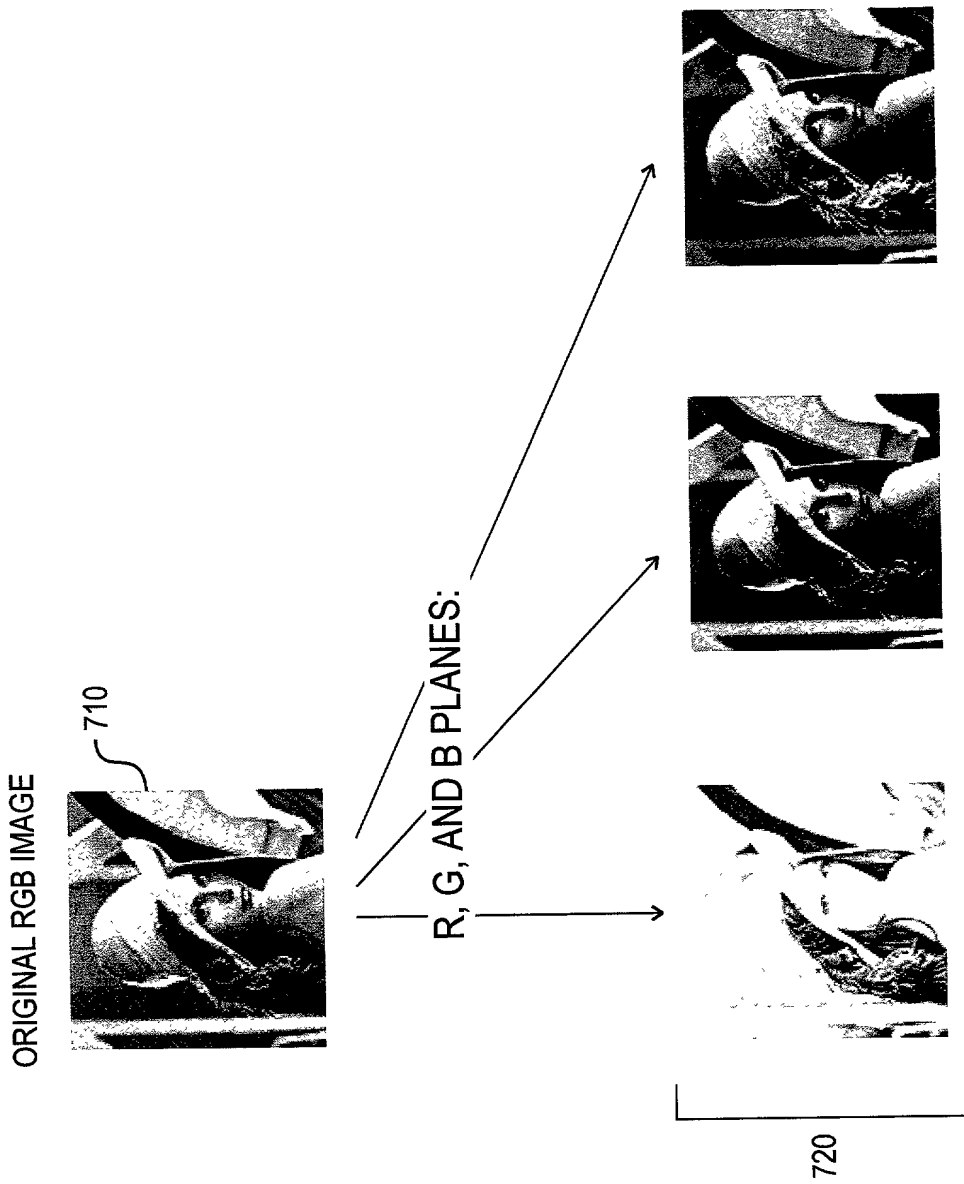


FIG. 7A

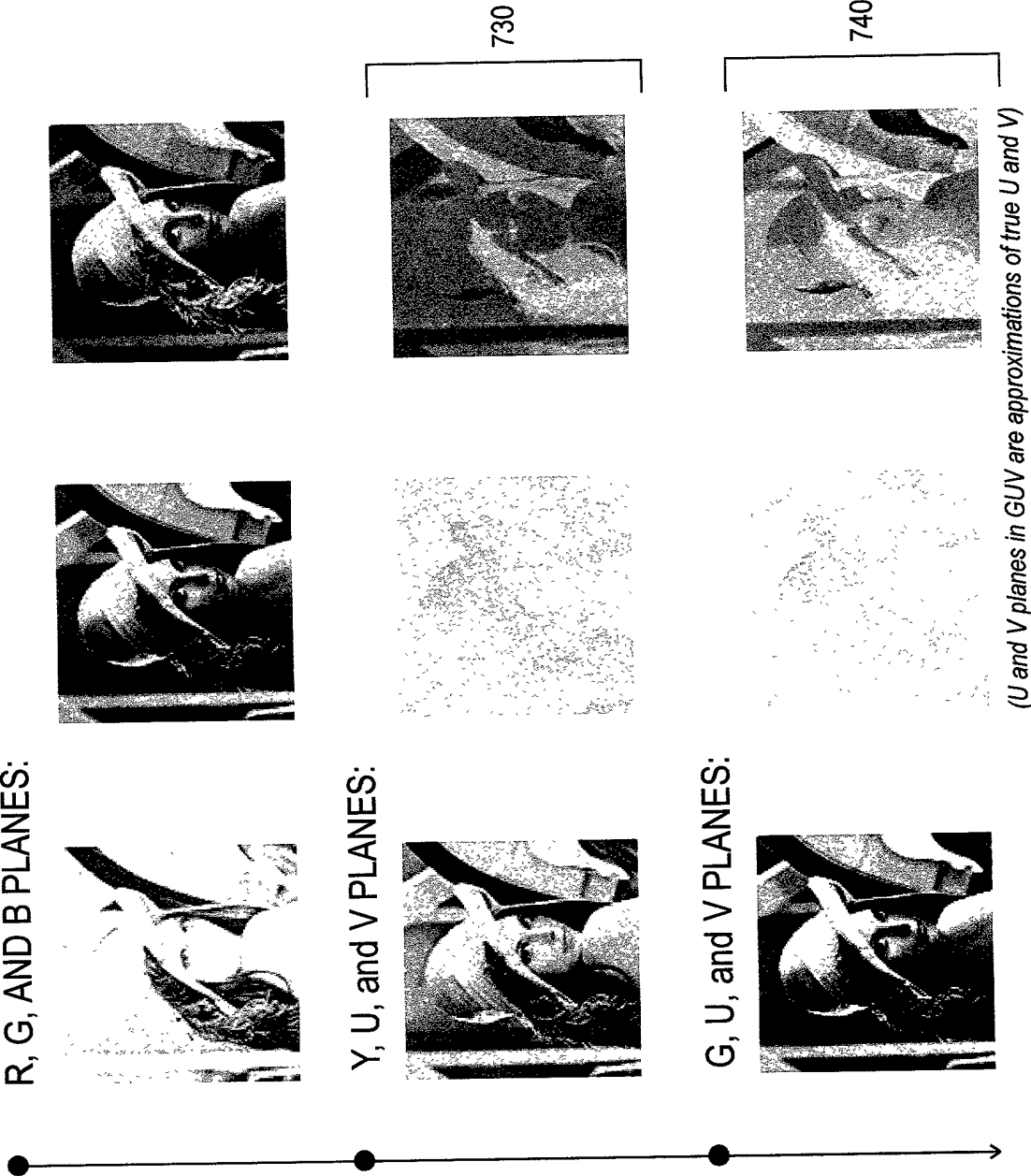
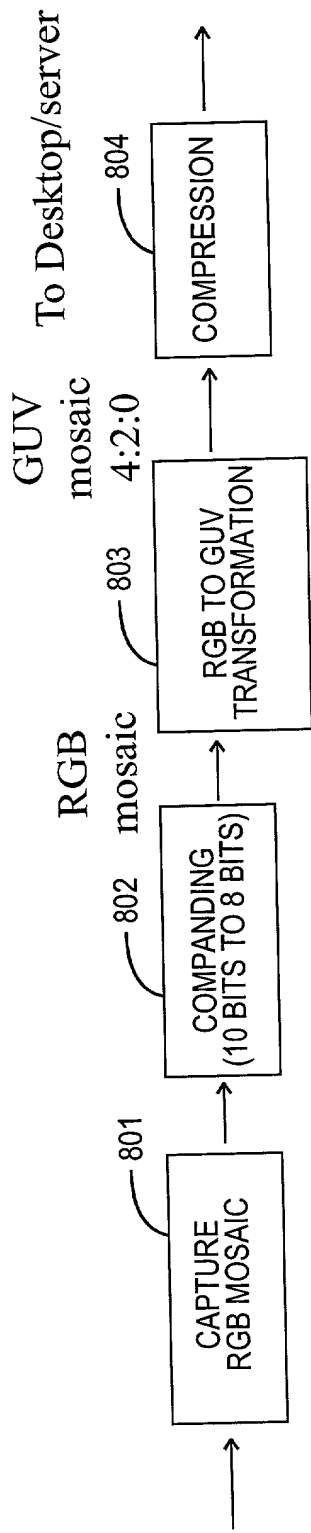
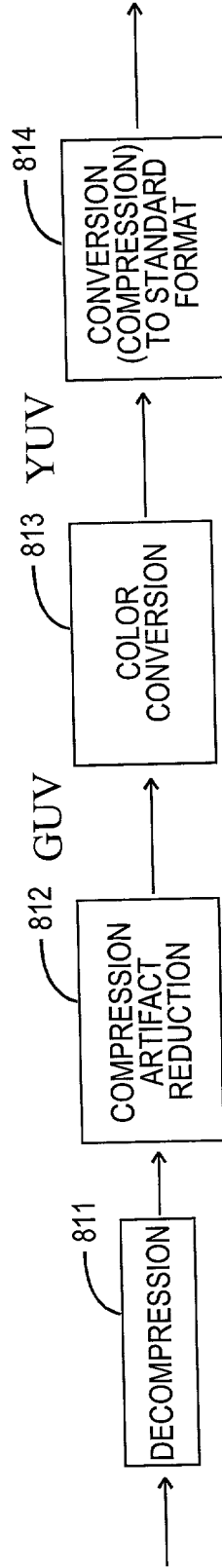


FIG. 7B



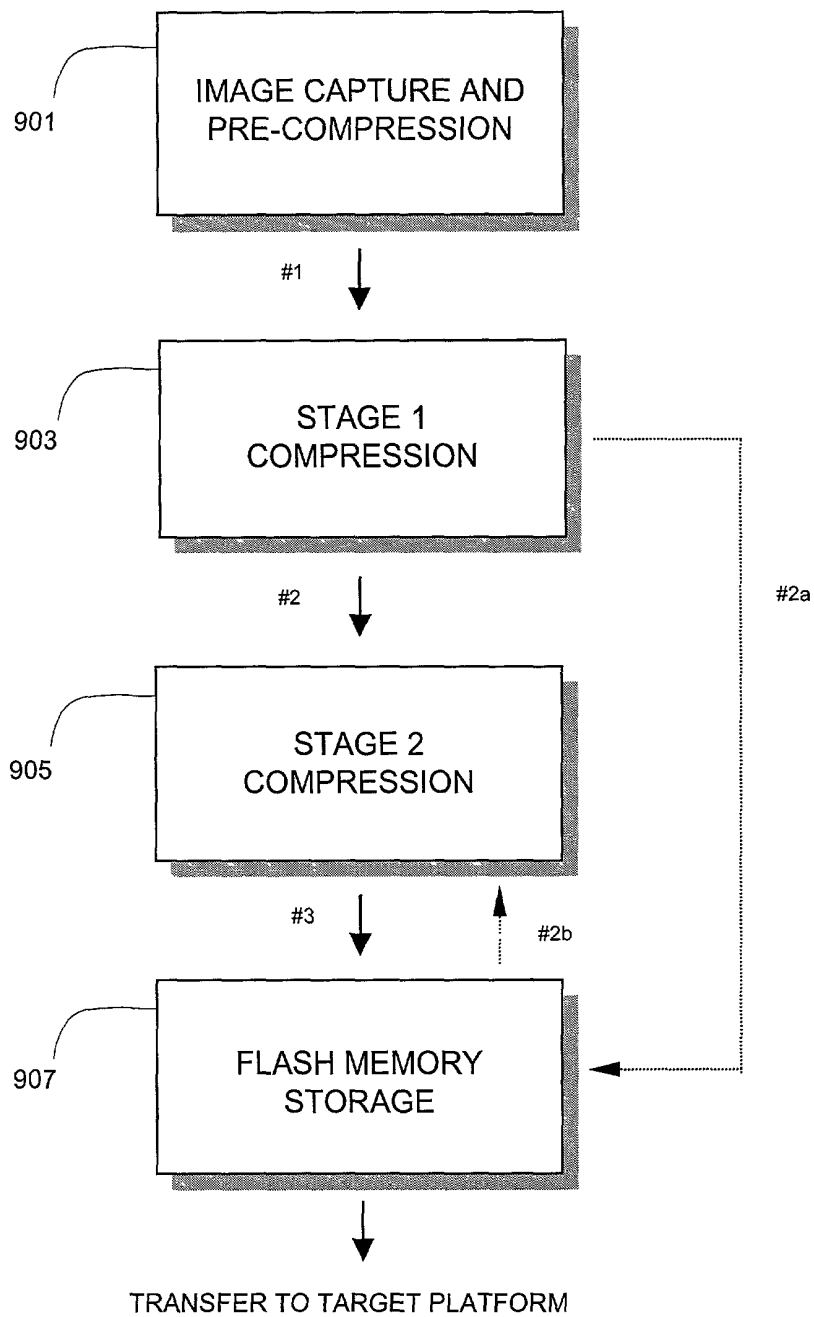


(a) Imaging Device

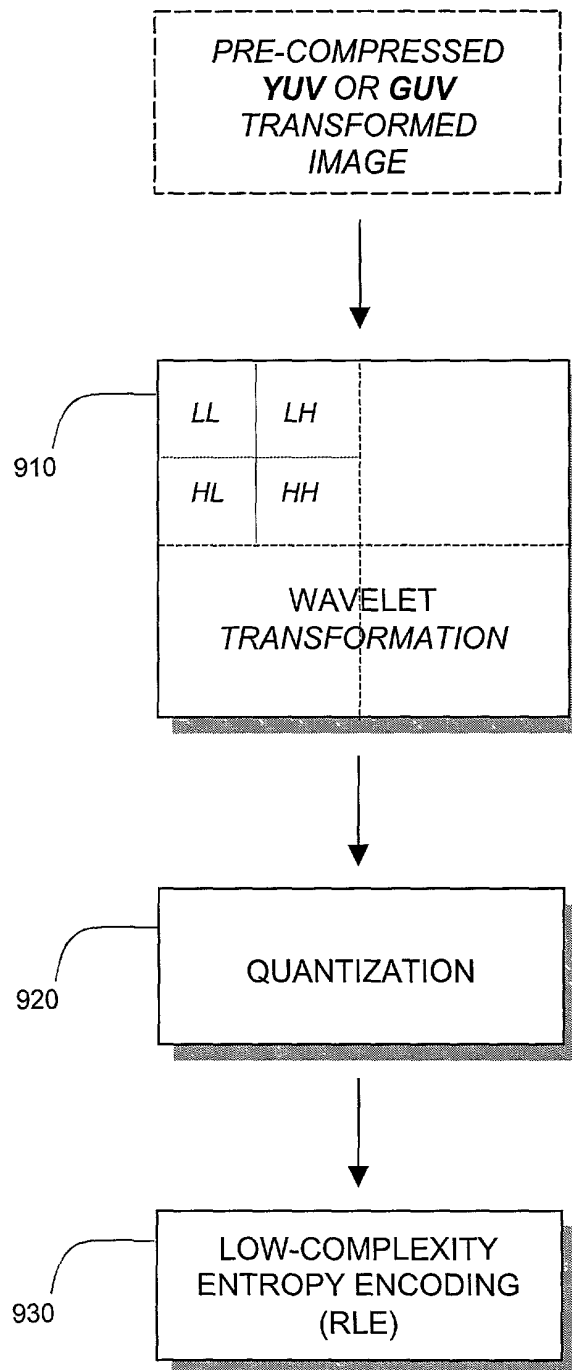


(b) Server/desktop

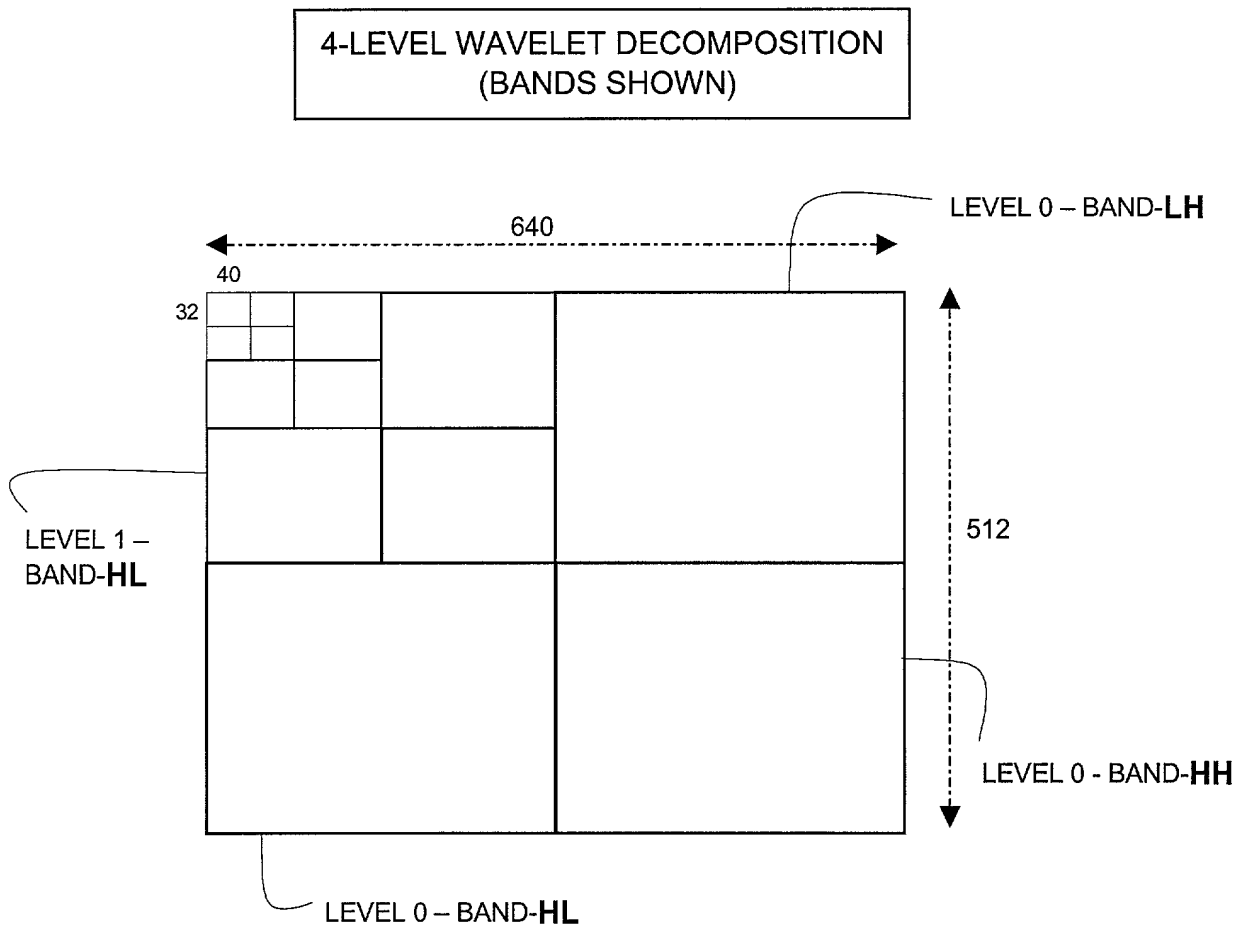
FIG. 8



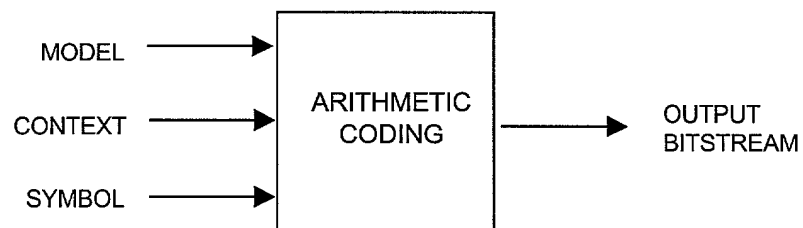
**FIG. 9A**



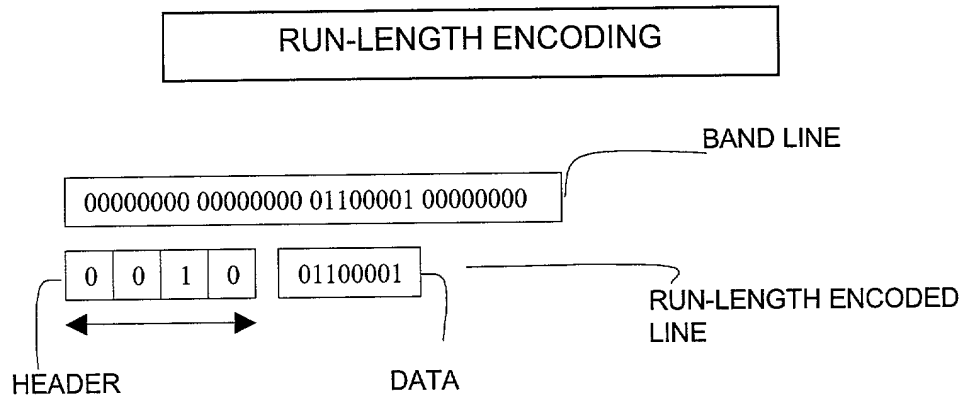
**FIG. 9B**



**FIG. 10A**



**FIG. 10B**



**FIG. 10C**